



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: G. R. Perfetti, P. E.
State Bridge Design Engineer

DATE: November 16, 2004

SUBJECT: BRIDGE SCUPPER STANDARD

At the request of the Hydraulics Unit, the Bridge Scupper Standard Drawings BS1, BS2, BS1SM, BS2SM have been modified. The changes are highlighted as follows:

- The dimension for the depth of the pan at the end with the 6" (152mm) diameter pipe was increased from 8" (102mm) to 9" (127mm).
- The drainage slope on the bottom of the pan was increased.
- Two additional "T2" bars were added, and the bottom mat "A" and "B" bars will require field cutting.

Please incorporate the attached revised Bridge Scupper Standard BS1 (BS1SM) and BS2 (BS2SM) into your copy of the Structure Standards and Metric Structure Standards books. The revised standard drawings are available on both the S: drive and the Structure Design Homepage. The revisions are effective immediately.

GRP/DAS

Attachments

Std. No. BS1, BS1SM
Std. No. BS2, BS2SM

cc: R. V. Keith, P. E., with attachments
R. A. Raynor, Jr., P. E., with attachments
R. A. Hancock, P. E., with attachments
J. H. Emerson, P. E., with attachments
T. S. Drda, P. E., FHWA, with attachments
D. R. Henderson, P. E., with attachments